## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/758,816

Filing Date: January 16, 2004

Applicants: Michael W. Murphy et al.

Group Art Unit: 1745

Examiner: Cynthia K. Lee

Title: ULTRA SHORT HIGH PRESSURE GRADIENT FLOW

PATH FLOW FIELD

Attorney Docket: 8540G-000233 (Client Ref. No. GP-303355)

Mail Stop Amendment Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450

## RESPONSIVE AMENDMENT

Sir:

In response to the Office Action mailed April 1, 2008, please amend the application as follows and consider the remarks set forth below

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 6 of this paper.

Amendments to the Drawings begin on page 9 of this paper.

Remarks begin on page 10 of this paper.